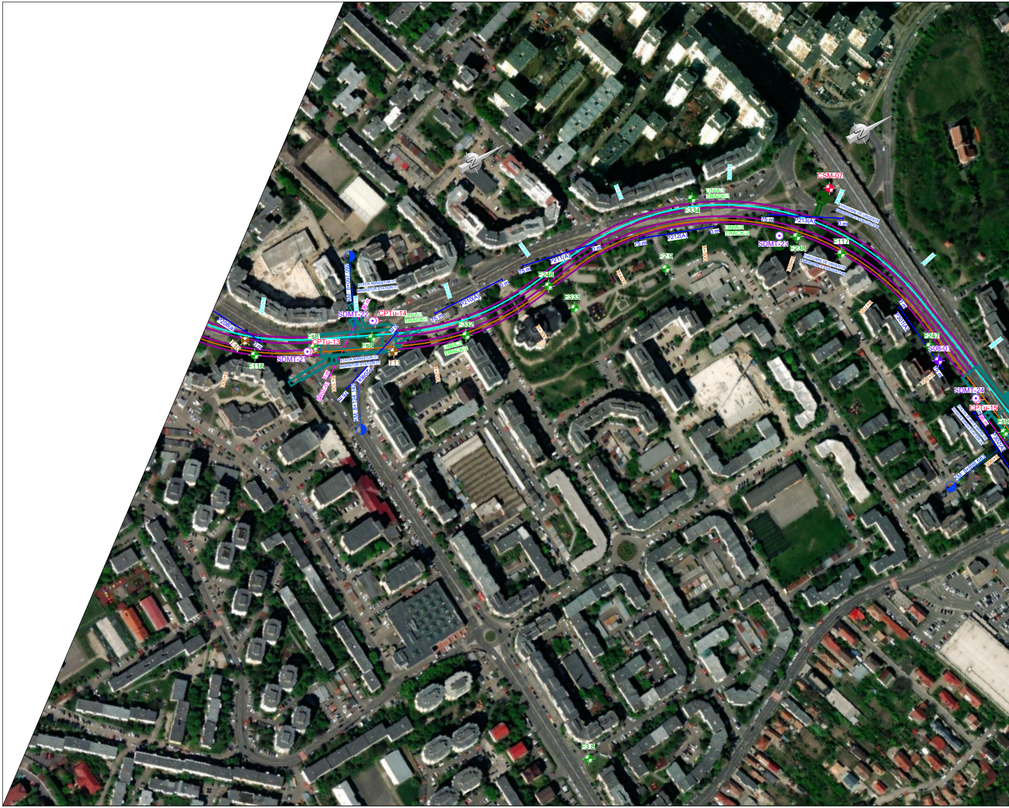
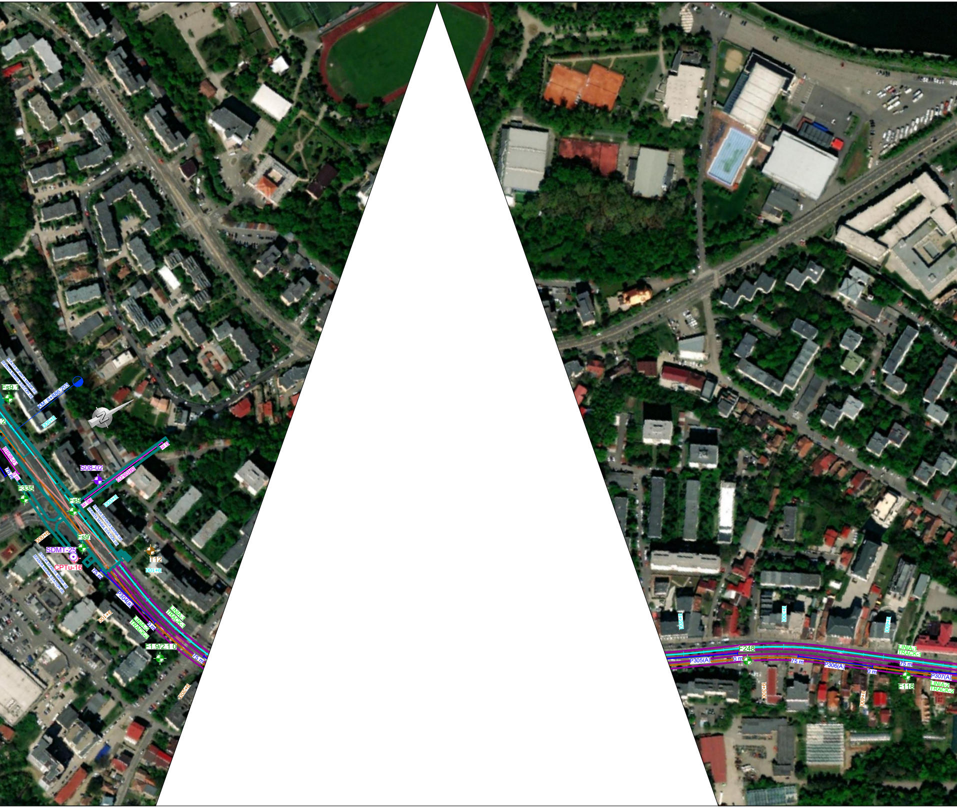
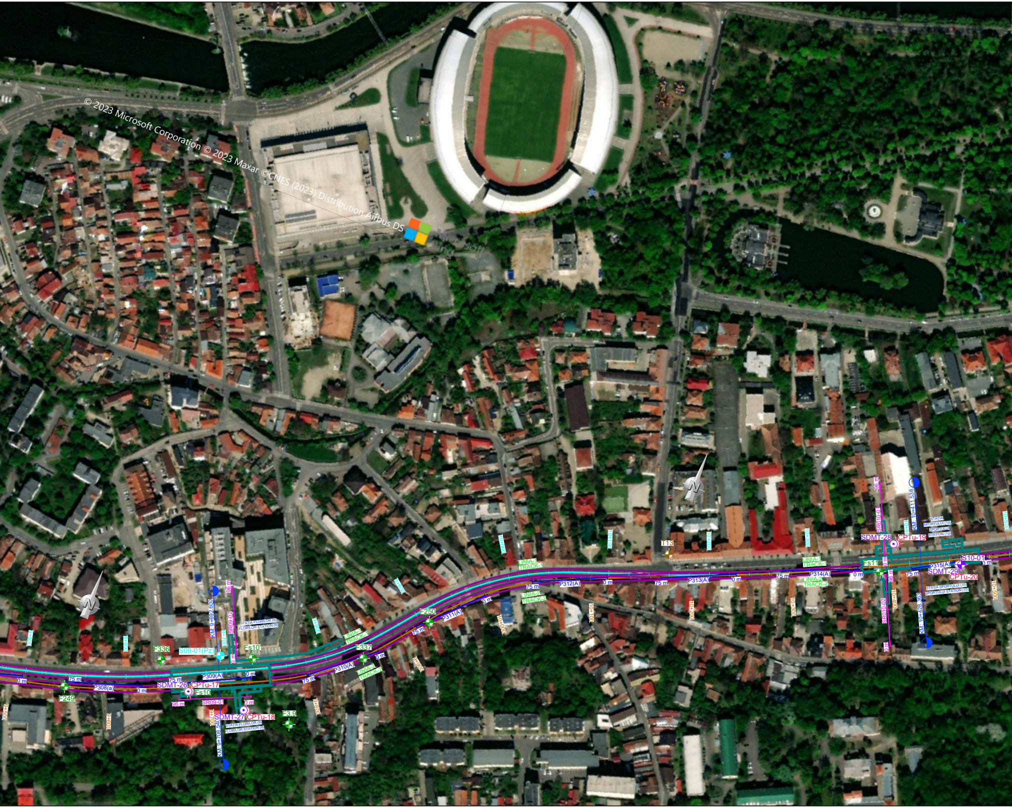
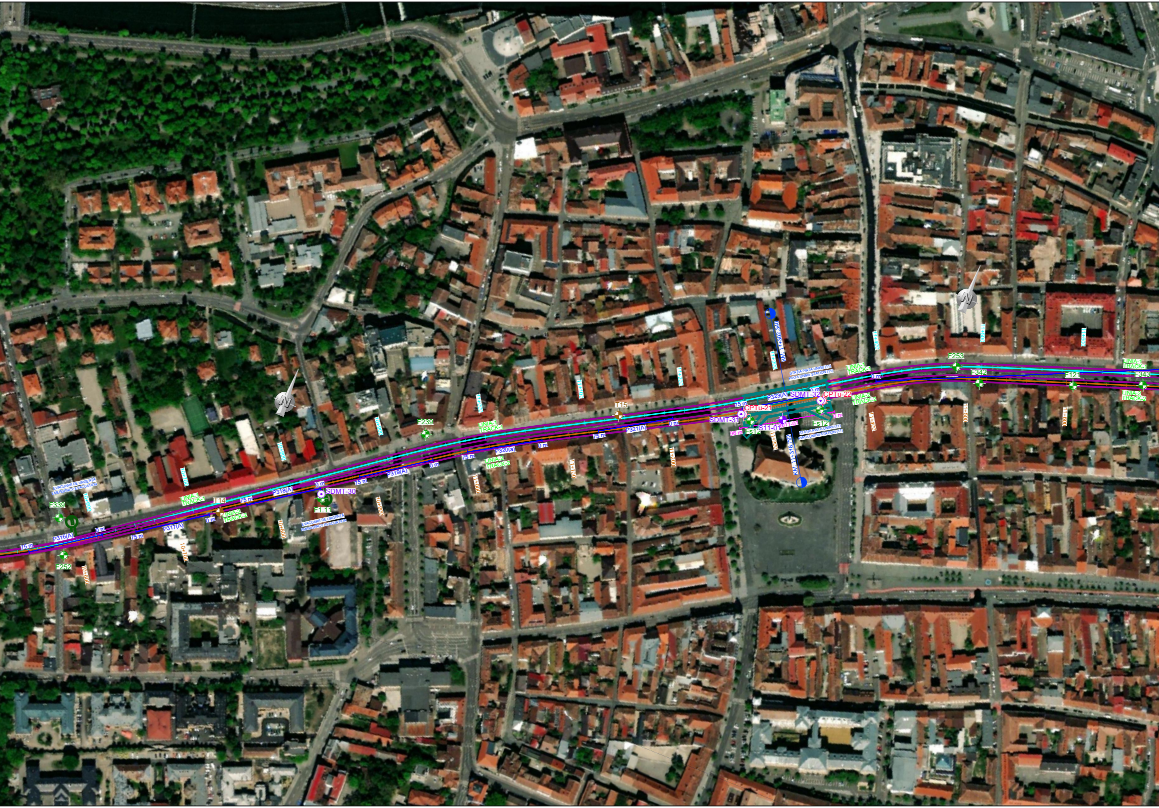
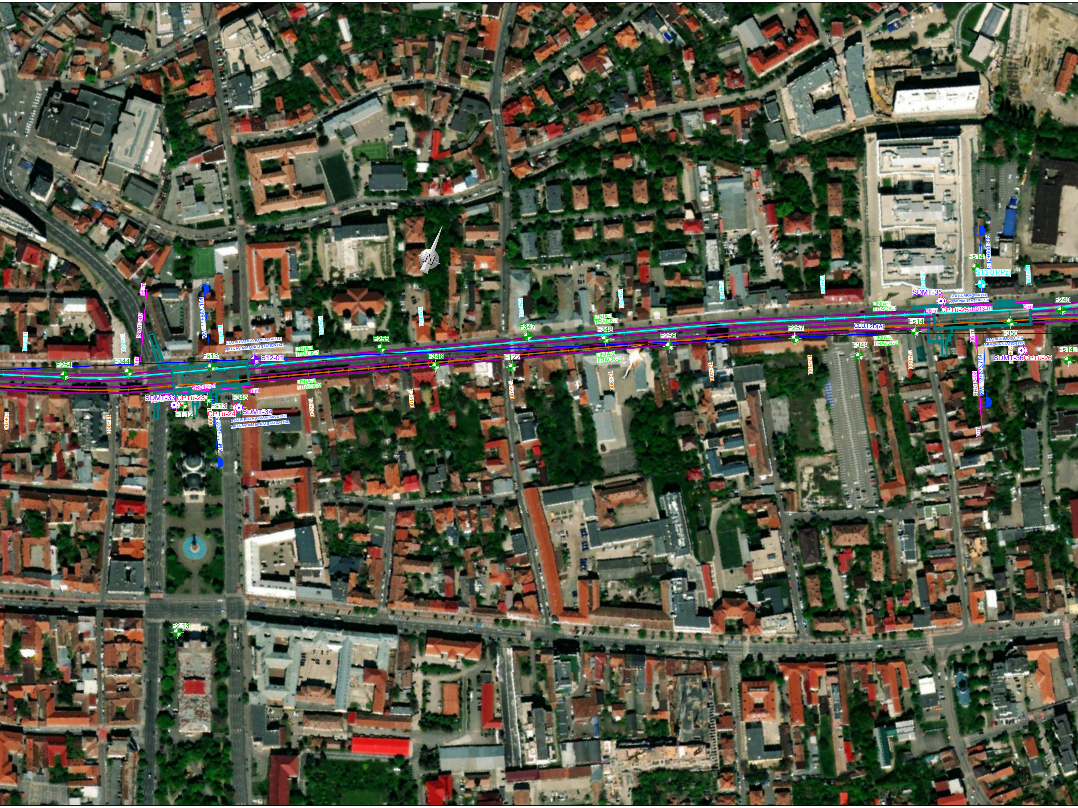

P208(a)
0 m
T10
F116
SDMT-21
CPTu-13
Fs8'
8+000
8+000
KM: 8+097.092
8+100
96 m
STAȚIA MANAȘTUR (7)
MANASTUR STATION (7)
SDMT-22
CPTu-14
LINIA-1
TRACK-1
Fs8
0 m
T11
STAȚIA MANAȘTUR (7)
MANASTUR STATION (7)
0 m
8+100
SR07-01
75 m
P209(a)
KM: 8+124.142
75 m
P210(A)
0 m
8+200
8+200
F332
LINIA-2
TRACK-2
8+300
8+300
P211(A)
75 m
0 m
F246
F333
8+400
8+400
F334
LINIA-1
TRACK-1
P212(A)
75 m
0 m
LINIA-2
TRACK-2
F2.9
8+500
8+500
CSM-07
8+600
8+600
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
P213(A)
75 m
0 m
SDMT-23
F238
F117
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
8+700
8+700
0 m
P301(A)
F247
S08-01
75 m
8+800
8+800
SDMT-24
CPTu-15
96 m
0 m
Fs9
STAȚIA SFÂNTA MARIA (8)
SFANTA MARIA STATION (8)
P302(A)
8+900
KM: 8+898.683
F3.8

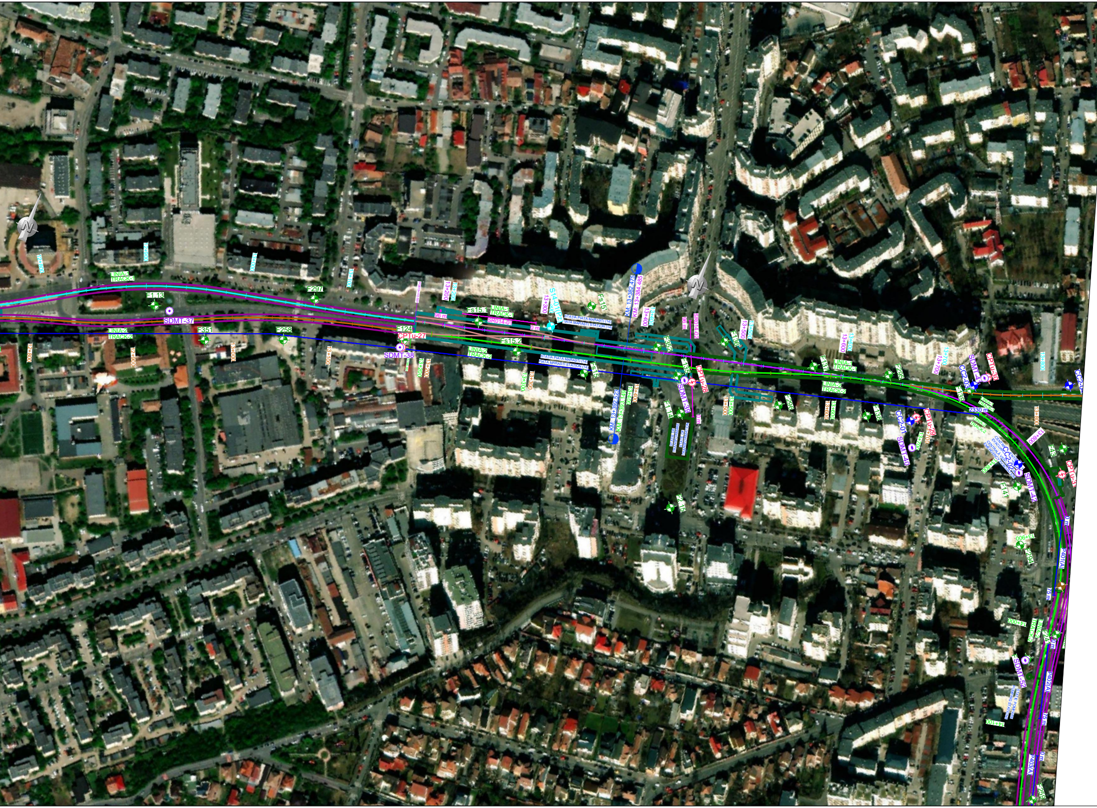

STATIA SFANTA MARIA (8)
SFANTA MARIA STATION (8)
Fs9.1
KM: 8+886.203
8+900
SR08-01
75 m
0 m
S08-02
SR08-02
0 m
96 m
F335
Fs9
9+000
STATIA SFANTA MARIA (8)
SFANTA MARIA STATION (8)
9+000
Fs9'
SDMT-25
CPTu-16
STATIA SFANTA MARIA (8)
SFANTA MARIA STATION (8)
T12
9+100
75 m
P304(a)
9+100
LINIA-1
TRACK-1
LINIA-2
TRACK-2
0 m
F1.9/2.1 0
75 m
9+200
9+200
9+300
9+400
F248
P305(A)
0 m
75 m
P306(A)
0 m
75 m
LINIA-1
TRACK-1
P307(A)
F118
LINIA-2
TRACK-2
9+300
9+400

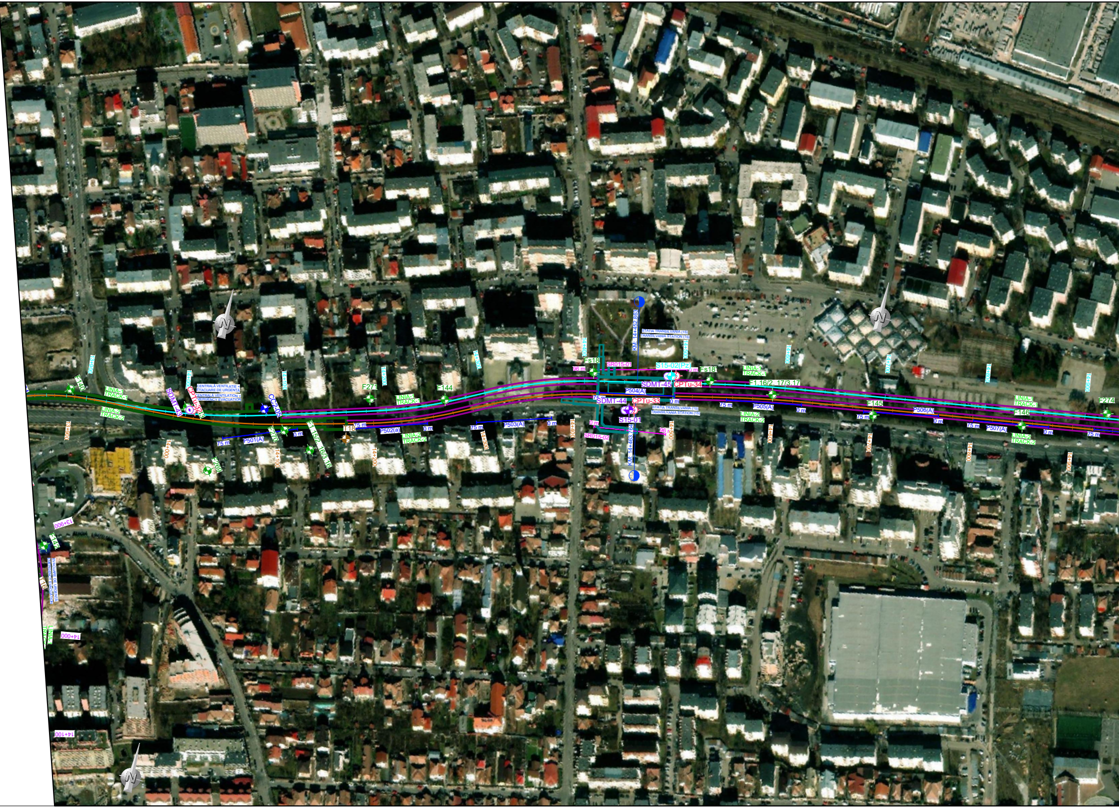

© 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus DS
T13
SDMT-28
CPTu-19
SR010-01
96 m
KM: 10+411.538
STAȚIA SPORTULUI (10)
SPORTULUI STATION (10)
10+400
10+500
10+300
10+200
10+100
10+000
9+900
9+800
9+700
9+600
9+500
LINIA-1 TRACK-1
LINIA-2 TRACK-2
Fs11
S10-01
P315(A)
SDMT-29
CPTu-20
0 m
75 m
P314(A)
P313(A)
P312(A)
P311(A)
P310(A)
P309(A)
P308(a)
F250
F337
F336
F249
F3.9
S09-01(Pz)
Fs10'
Fs10
SR09-02
SR09-01
KM: 9+692.600
KM: 9+708.540
STAȚIA FLORILOR (9)
FLORILOR STATION (9)
SDMT-26
CPTu-17
SDMT-27
CPTu-18
SR010-02
KM: 10+428.363

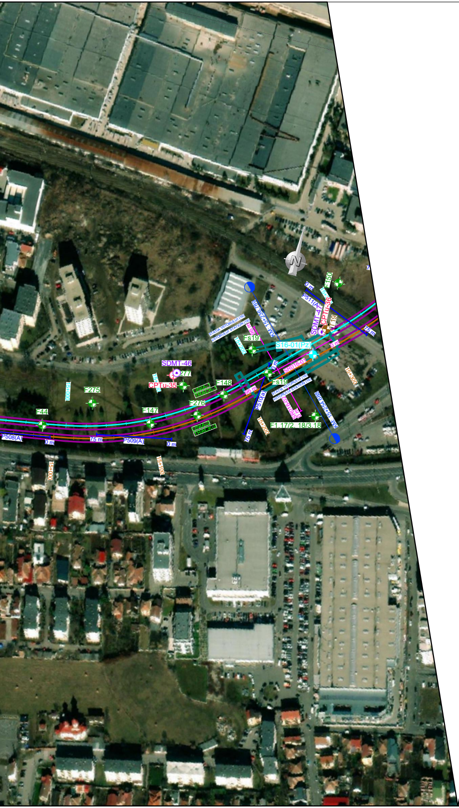
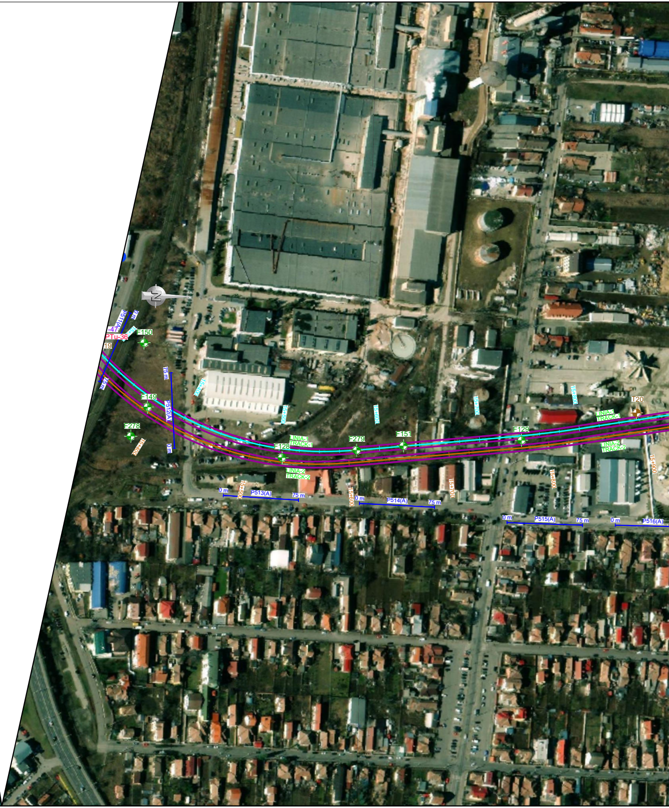


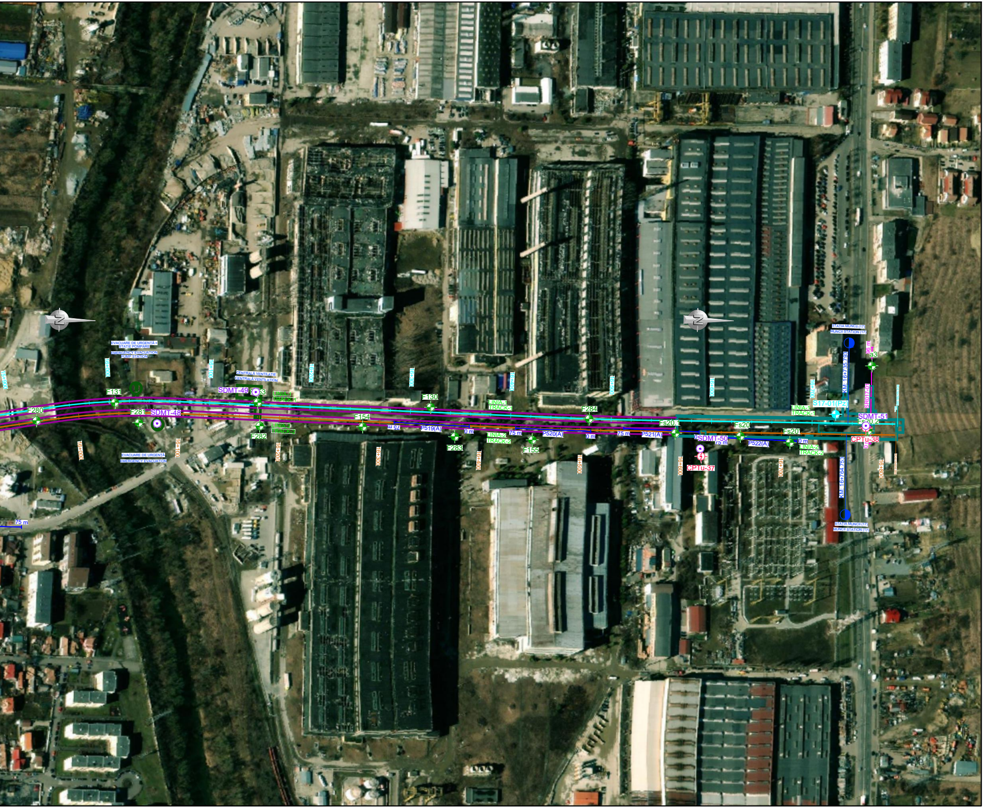
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
F339
F252
10+600
10+600
75 m
P316(A)
0 m
75 m
P317(A)
0 m
LINIA-1
TRACK-1
T14
LINIA-2
TRACK-2
10+700
10+700
75 m
P318(A)
0 m
SDMT-30
F1.11
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
10+800
10+800
75 m
P319(A)
0 m
10+900
10+900
F239
11+000
11+000
LINIA-1
TRACK-1
75 m
P320(a)
0 m
LINIA-2
TRACK-2
11+100
11+100
T15
75 m
P321(A)
0 m
11+200
11+200
SDMT-31
CPTu-21
75 m
P323(A)
0 m
SDMT-32
CPTu-22
96 m
Fs12
S11-01
011-01
Fs12'
0 m
11+300
11+300
KM: 11+302.340
KM: 11+318.792
STAȚIA PIATA UNIRII (11)
PIATA UNIRII STATION (11)
STAȚIA PIATA UNIRII (11)
PIATA UNIRII STATION (11)
LINIA-1
TRACK-1
LINIA-2
TRACK-2
0 m
11+400
11+400
F253
F342
11+500
11+500
F121
11+600
11+600
LINIA-1
TRACK-1
F343
LINIA-2
TRACK-2
N
N


F254
F344
96 m
SR012-02
0 m
11+700
11+800
KM: 11+887.154
11+900
STAȚIA PIAȚA AVRAM IANCU (12)
PIAȚA AVRAM IANCU STATION (12)
Fs13'
S12-01
LINIA-1
TRACK-1
SR012-01
0 m
LINIA-2
TRACK-2
SDMT-33
CPTu-23
F1.12
Fs13
F345
CPTu-24
SDMT-34
KM: 11+902.5
STAȚIA PIAȚA AVRAM IANCU (12)
PIAȚA AVRAM IANCU STATION (12)
11+700
11+800
11+900
12+000
F255
F346
12+100
12+200
F347
F122
LINIA-1
TRACK-1
F348
LINIA-2
TRACK-2
12+300
F256
12+400
F257
12+500
CLUJ 2D(A)
F349
LINIA-1
TRACK-1
LINIA-2
TRACK-2
Fs14
12+600
SDMT-35
CPTu-25
96 m
STAȚIA ARMONIA (13)
ARMONIA STATION (13)
SR013-01
0 m
Fs14'
KM: 12+658.835
S13-01(Pz)
12+700
F240
F350
STAȚIA ARMONIA (13)
ARMONIA STATION (13)
SDMT-36
CPTu-26
96 m
SR013-02
KM: 12+673.754
0 m
Fs14.1
F2.13


12+800
12+900
13+000
13+100
LINIA-1
TRACK-1
F1.13
SDMT-37
F297
LINIA-2
TRACK-2
F351
F258
12+800
12+900
13+000
13+100
F124
CPTu-27
SDMT-38
13+200
13+200
13+200
13+200
13+300
13+300
13+300
96 m
Fs15.1
SR014-01
0 m
S14-01(PZ)
Fs15'
STAȚIA PIAȚA MĂRAȘTI (14)
PIATA MARASTI STATION (14)
Fs15.2
STAȚIA PIAȚA MĂRAȘTI (14)
PIATA MARASTI STATION (14)
Fs15
KM: 13+382.475
KM: 13+384.485
KM: 13+392.523
KM: 13+393.149
13+400
13+400
13+400
13+400
96 m
SR014-02
0 m
F352
F135
CPTu-28
SDMT-39
F1.14
STAȚIE DE TRANSFORMARE
STATE OF TRANSFORMATION
F136
13+500
13+500
13+500
13+500
F2.15
13+600
13+600
13+600
13+600
F137
F296
F138
F295
13+700
13+700
13+700
13+700
SDMT-41
CPTu-30
CC2-03
CC2-01
CPTu-29
SDMT-40
F139
2330 m
13+800
13+800
13+800
CC2-02
CENTRALĂ VENTILAȚIE EVACUARE
EMERGENCY EVACUATION
F43
CPTu-31
SDMT-42
F141
13+900
F294
0 m
P401(A)
75 m
14+000
F241
0 m
SDMT-52
STAȚIE POMPARE
PUMPING STATIONS
P402(A)
75 m
14+100
0 m
P403(A)
F259
CC2-0


13+900
F140
LINIA-1
TRACK-1
LINIA-2
TRACK-2
13+900
14+000
SDMT-43
CPTu-32
F143
CENTRALĂ VENTILAȚIE +
EVACUARE DE URGENȚĂ
CENTRALĂ VENTILATION +
EMERGENCY EVACUATION
CC2-05
F270
75 m
P501(A)
0 m
F269
F1.15/2. 16/3.16
14+100
14+100
T18
75 m
P502(a)
0 m
F271
14+200
14+200
LINIA-1
TRACK-1
LINIA-2
TRACK-2
F144
14+300
14+300
75 m
P503(A)
0 m
14+400
14+400
96 m
Fs18
SR015-01
KM: 14+452.863
STAȚIA TRANSILVANIA (15)
TRANSILVANIA STATION (15)
S15-02(Pz)
0 m
Fs18'
SDMT-45
CPTu-34
P504(A)
75 m
SDMT-44
CPTu-33
0 m
S15-01
STAȚIA TRANSILVANIA (15)
TRANSILVANIA STATION (15)
0 m
SR015-02
96 m
KM: 14+463.764
14+500
14+500
LINIA-1
TRACK-1
F1.16/2. 17/3.17
75 m
P505(A)
0 m
LINIA-2
TRACK-2
14+600
14+600
14+700
14+700
F145
75 m
P506(A)
0 m
14+800
14+800
LINIA-1
TRACK-1
F146
75 m
P507(A)
0 m
LINIA-2
TRACK-2
14+900
14+900
F274
75 m
13+900
F142
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
T16
LINIA-1
14+000
14+100
N
N
N


N
F150
0 m
P511(A)
SDMT-47
CPTu-36
T19
75 m
KM: 15+236.789
STATIA VIITORULUI (16)
VIITORULUI STATION (16)
96 m
Fs19'
15+200
S16-01(Pz)
0 m
SDMT-46
277
CPTu-35
15+100
F275
15+000
F44
F147
F276
F148
LINIA-1
TRACK-1
LINIA-2
TRACK-2
0 m
SR016-01
Fs19
96 m
P510(a)
STATIA VIITORULUI (16)
VIITORULUI STATION (16)
SR016-02
0 m
F1.17/2. 18/3.18
KM: 15+254.688
15+300
15+200
75 m
P508(A)
0 m
75 m
P509(A)
0 m
15+000
15+100

N
P511(A
0 m
-47
PTu-36
19
F150
75 m
75 m
15+400
F149
P512(A)
0 m
F278
15+400
15+500
15+600
15+700
15+800
T20
LINIA-1
TRACK-1
F128
F279
F151
F129
LINIA-2
TRACK-2
15+900
0 m
15+500
P513(A)
75 m
15+600
0 m
P514(A)
75 m
15+700
15+800
0 m
P515(A)
75 m
0 m
P516(A)


EVACUARE DE URGENȚĂ + STAȚIE POMPARE
EMERGENCY EVACUATION PUMP STATION
15+900
16+000
16+100
16+200
16+300
16+400
16+500
16+600
16+700
16+800
CENTRALĂ VENTILAȚIE
CENTRALĂ VENTILATION
F280
F131
F281
SDMT-48
SDMT-49
F153
LINIA-1
TRACK-1
LINIA-2
TRACK-2
F282
EVACUARE DE URGENȚĂ
EMERGENCY EVACUATION
F130
F154
75 m
P519(A)
0 m
F283
F155
F284
P520(A)
P521(A)
Fs20.1
Fs20
Fs20'
SDMT-50
P522(A)
CPTu-37
S17-01(Pz)
SDMT-51
Fs20.2
CPTu-38
STAȚIA MUNCII (17)
MUNCII STATION (17)
KM: 16+735.793
KM: 16+764.753
96 m
a3
SR017-01

DESENE DE REFERINTA / *REFERENCE DRAWINGS*

PLAN GENERAL / *KEY PLAN*

NOTE / *NOTES*

SISTEM DE PROIECTIE: STEREO70
PLAN DE REFERINTA: MN75

Beneficiar / *Employer*

MUNICIPIUL CLUJ-NAPOCA
Cluj-Napoca, cod poștal 400001, Calea Moților nr. 1-3

Supervizor / *Supervisor*

Antreprenor / *Contractor*

GÜLERMAK AĞIR SANAYİ İNŞAAT VE TAAHHÜT A.Ş.
ARCADA COMPANY S.A.
GÜLERMAK SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
ALSTOM TRANSPORT S.A.

Name Of The Work / *Numele Lucrării*

TREN METROPOLITAN GILĂU - FLOREŞTI - CLUJ - NAPOCA - BACIU
APAHIDA - JUCU - BONȚIDA ETAPA I A SISTEMULUI DE TRANSPORT
METROPOLITAN RAPID CLUJ: MAGISTRALA I DE METROUȘI TREN METROPOLITAN
COMPONENTA 1. MAGISTRALA I DE METROU CLUJ

DOCUMENTATIE TEHNICA PENTRU OBTINEREA AUTORIZATIEI DE CONSTRUIRE
TECHNICAL DOCUMENTATION FOR OBTAINING THE BUILDING PERMIT

-	-		-	-	-
-	-		-	-	-
1	22.09.2023		-	-	-
0	17.08.2023	Prima editie / First issue	O. ABAKAY	İ.G. TÜNAY / E. BERKMEN	K. TOKGÖZOĞLU
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17.08.2023

Aprobat *Approved*	Nume / *Name*				
	De catre / *By*	Proiectant / *Designer*	Antreprenor / *Contractor*	Supervizor / *Supervisor*	Beneficiar / *Employer*

Numele Desenului / *Drawing Name*

PLAN DE INVESTIGAȚIE A SUBTERANEI
SUBSURFACE INVESTIGATION PLAN

2/4

Proiectant / *Designer*

YÜKSEL PROJE
PROTA ENGINEERING

Proiectant De Specialitate / *Special Designer*

Manager De Proiect / *Project Manager*	-------------
Sef Echipa Proiectare / *Design Manager*	-------------
Verificat / *Controlled By*	-------------
Proiectat / *Designed By*	-------------

Verificator / *Controller*